

Title (en)
FLUOROPOLYMER COMPOSITION

Title (de)
FLUORPOLYMERZUSAMMENSETZUNG

Title (fr)
COMPOSITION DE FLUOROPOLYMÈRE

Publication
EP 3445820 B1 20200805 (EN)

Application
EP 17718879 A 20170414

Priority

- EP 16166038 A 20160419
- EP 2017059063 W 20170414

Abstract (en)
[origin: WO2017182407A1] The invention pertains to a fluoropolymer composition [composition (C)] comprising: - at least one semi-crystalline polymer comprising recurring units derived from ethylene and at least one of chlorotrifluoroethylene (CTFE) and tetrafluoroethylene (TFE), said polymer having a heat of fusion of at most 35 J/g [polymer (A)]; and - from 0.05 to 15 % by weight, based on weight of polymer (A), of at least one ethylene copolymer with at least one long chain α -olefin having a number of carbon atoms of 6 or more, and possessing a density of less than 0.900 g/cm³, as determined according to ASTM D792; to a method for its manufacture and to its use for manufacturing cables.

IPC 8 full level
C08L 27/12 (2006.01); **C08L 27/18** (2006.01); **C09D 127/12** (2006.01); **C09D 127/18** (2006.01)

CPC (source: EP US)
B29B 9/06 (2013.01 - US); **B29C 48/022** (2019.01 - US); **B29C 48/154** (2019.01 - US); **C08J 3/201** (2013.01 - US);
C08L 27/12 (2013.01 - EP US); **C08L 27/18** (2013.01 - EP US); **C09D 127/12** (2013.01 - EP US); **C09D 127/18** (2013.01 - EP US);
G02B 6/443 (2013.01 - US); **G02B 6/4486** (2013.01 - US); **H01B 3/441** (2013.01 - EP US); **H01B 3/445** (2013.01 - EP US);
H01B 13/148 (2013.01 - EP US); **B29K 2027/12** (2013.01 - US); **C08L 2203/206** (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2017182407 A1 20171026; CN 109415549 A 20190301; CN 109415549 B 20210618; EP 3445820 A1 20190227; EP 3445820 B1 20200805;
JP 2019518814 A 20190704; JP 6946338 B2 20211006; US 11084922 B2 20210810; US 2019127567 A1 20190502

DOCDB simple family (application)
EP 2017059063 W 20170414; CN 201780038137 A 20170414; EP 17718879 A 20170414; JP 2018554380 A 20170414;
US 201716094877 A 20170414